

INTERNATIONAL SEARCH REPORT

International Application No
PCT/JP2004/017985 /

A. CLASSIFICATION OF SUBJECT MATTER

H01L31/042 H01L31/05 H01L31/048

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

H01L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 013, no. 097 (E-723), 7 March 1989 (1989-03-07) & JP 63 271978 A (SHARP CORP), 9 November 1988 (1988-11-09) abstract	1,4,10
A	----- PATENT ABSTRACTS OF JAPAN vol. 1999, no. 05, 31 May 1999 (1999-05-31) & JP 11 031715/A (MATSUSHITA ELECTRIC IND CO LTD), 2 February 1999 (1999-02-02) abstract ----- -/--	1,8,10, 17

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

31 October 2005 /

Date of mailing of the international search report

20. 01. 2006 /

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 16, 8 May 2001 (2001-05-08) & JP 2001 025891/A (MATSUSHITA ELECTRIC IND CO LTD), 30 January 2001 (2001-01-30) abstract	1,8,10, 17
A	----- PATENT ABSTRACTS OF JAPAN vol. 017, no. 199 (E-1352), 19 April 1993 (1993-04-19) -& JP 04 343481 A (CANON INC), 30 November 1992 (1992-11-30) abstract; figures 1,3-6	1,2,4,5, 10,12-14
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Information on patent family members

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